



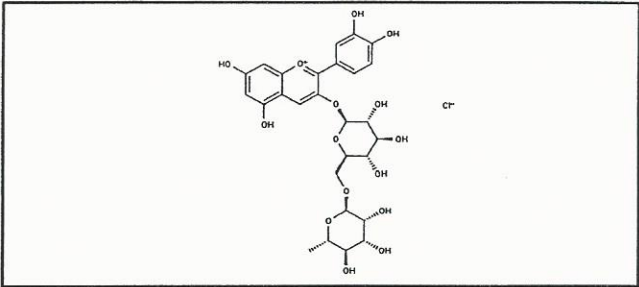
INDOFINE Chemical Company, Inc.

121 Stryker Lane, Bldg. 30
Hillsborough, NJ 08844 USA
Phone: (908) 359-6778; Fax: (908) 359-1179

Certificate Of Analysis

02914S KERACYANIN CHLORIDE Lot No.: 17052430

CAS RN	18719-76-1
MOL FORMULA	C ₂₇ H ₃₁ O ₁₅ Cl
MOL WEIGHT	630,98



TEST	METHOD	UNIT	SPECIFICATION	RESULT
Appearance	Visual		Dark powder	Conform
Potency	UV		ϵ (530 nm, MeOH+0,1% HCl) = 34 000 +/- 2000	35 100
Water content	KF	% w/w		3,8
Residual solvents	GC-HS	% w/w		2,5
Inorganics	ICP-MS	% w/w		0,7
Purity	HPLC	% area	$\geq 96,0$	99,8
Assay	Calculated (*)	% w/w		92,8

(*) Assay = Purity by HPLC x (100 - %water - %solvents - %inorganics)

CHROMATOGRAPHIC PURITY / HPLC

Column : Symmetry Shield RP18 - 4,6x150 mm - 3,5 μ m

Mobile phase : Gradient: B from 5% to 60% in 20 min then 60% to 100% in 5 min then 5 min isocratic 100%
A = Water + 10% HCOOH / B = MeOH

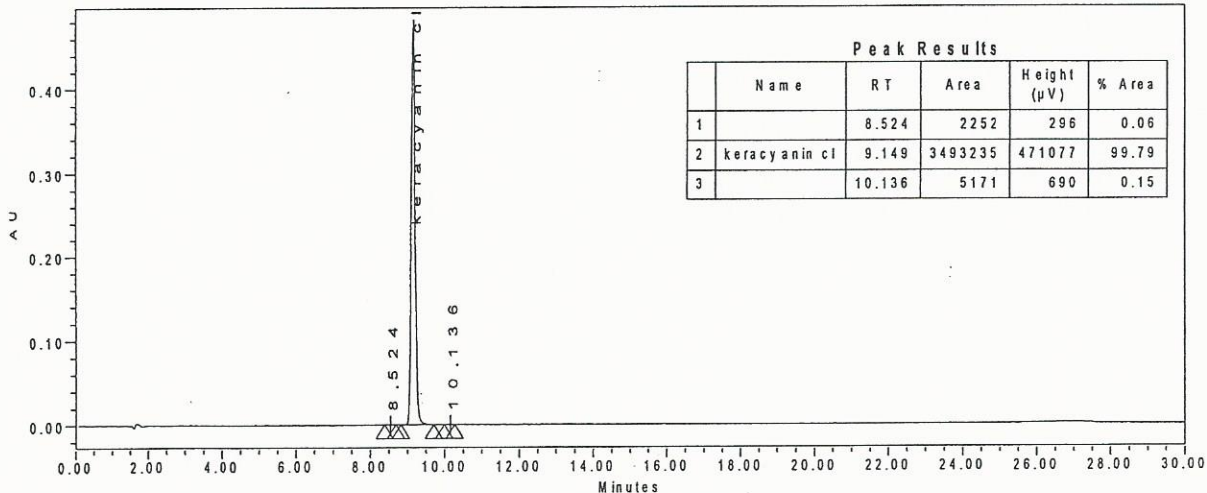
Detection : UV 520 nm

Temperature : 30°C

Flow rate : 1 ml/min

Injection volume : 5 μ l

Injection solvent : MeOH + 0,1% HCl



LONG TERM STORAGE : Below -15°C in a dry and dark place